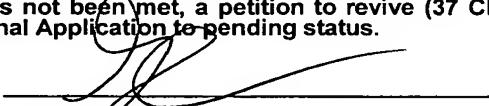
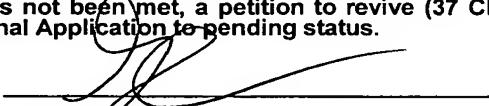
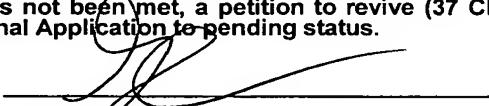


IAP13 Rec'd PCT/PTO 25 SEP 2006

FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 062800-0122 107594006 U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Priority date 03/30/2004
INTERNATIONAL APPLICATION NO. PCT/JP2005/005407	INTERNATIONAL FILING DATE 03/24/2005	
TITLE OF INVENTION HEATER COIL FOR GAS SENSOR, DETECTION ELEMENT FOR GAS SENSOR, CONTACT COMBUSTION TYPE GAS SENSOR, AND METHOD FOR MANUFACTURING CONTACT COMBUSTION TYPE GAS SENSOR		
APPLICANT(S) FOR DO/EO/US Ikuo TAKAHASHI, Junji SATOH and Yoshiro HIRAI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"><input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.<input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.<input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.<input type="checkbox"/> The US has been elected (Article 31).<input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<ul style="list-style-type: none"><input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<input type="checkbox"/> has been communicated by the International Bureau.<input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)<input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<ul style="list-style-type: none"><input checked="" type="checkbox"/> is attached hereto.<input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).<input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<ul style="list-style-type: none"><input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).<input type="checkbox"/> have been communicated by the International Bureau.<input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<input checked="" type="checkbox"/> have not been made and will not be made.<input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).<input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).<input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
Items 11 to 20 below concern other document(s) or information included:		
<ol style="list-style-type: none"><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.<input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<input checked="" type="checkbox"/> A preliminary amendment.<input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.<input type="checkbox"/> A substitute specification.<input type="checkbox"/> A power of attorney and/or change of address letter.<input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825<input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).<input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).<input type="checkbox"/> Other items or information:		

FORM PTO-1390 (Modified)

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<p>The following fees have been submitted:</p> <table border="1"> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee</td> <td>\$300</td> <td>\$ 300.00</td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$100</td> <td>\$ 200.00</td> </tr> <tr> <td>All other situations</td> <td>\$200</td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100</td> <td></td> </tr> <tr> <td>International Search Report prepared and provided to the Office</td> <td>\$400</td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$500</td> <td>\$ 400.00</td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE 21, 22 and 23 =</td> <td>\$ 900.00</td> </tr> <tr> <td colspan="5"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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See 37 CFR 1.27. Fees above are reduced by ½. </td> </tr> <tr> <td colspan="5">SUBTOTAL = \$ 3350.00</td> </tr> <tr> <td colspan="5">Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="5">TOTAL NATIONAL FEE = \$ 3350.00</td> </tr> <tr> <td colspan="5">Fee for recording the enclosed assignment (37 CFR 1.21(h)). 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Provide credit card information and authorization on PTO-2038. </td> </tr> <tr> <td colspan="5"> NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. </td> </tr> <tr> <td colspan="5">SEND ALL CORRESPONDENCE TO:</td> </tr> <tr> <td colspan="5"> Foley & Lardner LLP Customer Number: 22428 </td> </tr> <tr> <td colspan="5"> SIGNATURE  Glenn Law NAME 34,371 REGISTRATION NUMBER </td> </tr> </table>					21. <input checked="" type="checkbox"/> Basic national fee	\$300	\$ 300.00	22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100	\$ 200.00	All other situations	\$200		23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100		International Search Report prepared and provided to the Office	\$400		All other situations	\$500	\$ 400.00	TOTAL OF ABOVE 21, 22 and 23 =		\$ 900.00	<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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